

## ABSTRACT

The present invention is in the field of soybean genetics. More specifically, the invention relates to nucleic acid molecules from regions the soybean genome, which are associated with soybean cyst nematode resistance. The invention also relates to proteins encoded by such nucleic acid molecules as well as antibodies capable of recognizing these proteins. The invention also relates to nucleic acid markers from regions the soybean genome, which are associated with soybean cyst nematode resistance. Moreover, the invention relates to uses of such molecules, including, transforming soybean cyst nematode resistant soybean with constructs containing nucleic acid molecules from regions the soybean genome, which are associated with soybean cyst nematode resistance. Furthermore, the invention relates to the use of such molecules in a plant breeding program.

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